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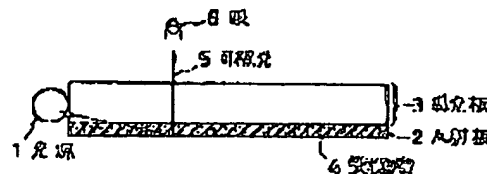
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## (54) FLUORESCENT PLANE LUMINOUS BODY

## (57)Abstract:

**PURPOSE:** To obtain a panel-shaped plane luminous body capable of radiating relatively uniform visible light with satisfactory visibility without using a diffusion plate, a dot pattern on a reflecting plate, etc., by incorporating a phosphor into the reflecting plate.

**CONSTITUTION:** When a plane luminous body is composed of a reflecting plate 2, a light guide plate 3 disposed on the top of the plate 2 and a light source 1 disposed at one end of the plate 3, e.g. a fluorescent lamp, a phosphor 4 is incorporated into the reflecting plate 2. Light incident from the light source 1 is reflected by the reflecting plate 2 and diffused by passing through the phosphor 4 in the plate 2. The diffused light enters the light guide plate 3 and reaches the eyes 6 of a user as visible light 5 with satisfactory visibility diffused to relatively uniform luminance.



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(54)【発明の名称】 蛍光面発光体

(57)【要約】

【目的】 従来の面光源パネルのように、入射光を散乱させるために反射板上のドットパターンの形成や拡散板等を要することなく、比較的均一輝度の可視光を外部に放射し得るパネル状の蛍光面発光体を提供する。

【構成】 このため、反射板2上の導光板3部の側端部の光源1より、この導光板部3に光を入射し、前記反射板2の垂直方向の外部に可視光5を放射するためのこの種のパネル状の面発光体の前記反射板部2の内部に蛍光物質4を混入した。

